UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Tradenark Office Address COMMISSIONER FOR PATIENTS P.O. Box. 1450 Away Laptic Low.

NOTICE OF ALLOWANCE AND FEE(S) DUE

590 10/17/2003

Sughrue Mion Zinn Macpeak & Seas Suite 800 2100 Pennsylvanía Avenue NW Washington, DC 20037-3213 EXAMINER
KNAUSS, SCOTT A

ART UNIT PAPER NUMBER

DATE MAILED: 10/17/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/069,781	02/28/2002	Andre Tardy	Q68616	5035

TITLE OF INVENTION: CLADDING-PUMPED OPTICAL FIBRE AND METHOD FOR MAKING SAME

APPLN, TYPE	SMALL ENTITY	ISSUE FEE.	PUBLICATION FEE	TOTAL FLE(S) DUE	DATE DUI:
nonprovisional	NO	\$1330	\$300	\$1630	01/20/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERTLS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GARNT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1313 AND MYPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MODTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGGRED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGGREDD AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

 Applicant claims SMALL ENTITY status. Sec 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fec(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fec(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

Page I of 4

PTOL-85 (Rev. 10/03) Approved for use through 04/30/2004.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

NSTRUCTIONS: This form should be took for materiting the ISSUE FER and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where opportants. All interfer correspondence including the Future Televant and portficialism of maliterance fees will be mailed to the current correspondence and unless as undestined unless corrected below or directed otherwise in Block 1, by (4) specifying in one correspondence address, and/or (b) indicating a separate "FEE ADDRESS for maintenance for notifications."

CURRENT CORRESPONDENCE ADDRESS (Not: Legibly mark-up with any corrections or use Block 1)

10/17/2003

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Sughrue Mion Zinn

Macpeak & Seas Suite 800

2100 Pennsylvania Avenue NW Washington, DC 20037-3213

Certificate of Mailing or Transmission

I hereby certify that this Feed's Pranning of Transmission
I hereby certify that this Feed's Transmittal is being deposited with the United
States Postal Service with sufficient postage for first class mail in an envelope
addressed to the Mail Stop ISSUE FEE address above, or being facsimile
transmitted to the USPTO, on the date indicated below.

(Signate Dece

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nonprovisional	NO	\$1330	\$300	\$1630	01/20/2004
EXA	MINER	ARTUNIT	CLASS-SUBCLASS		
KNAUSS	S, SCOTT A	2874	385-123000	_	
R 1.563). Change of correspond Address form PTO/SB/	nee address or indication of "Fe dence address (or Change of C 122) attached, tion (or "Fee Address" Indicati or more recent) attached. Use	on form	For printing on the patent front page ames of up to 3 registered patent a gents OR, alternatively, (2) the name rm (having as a member a registered gent) and the names of up to 2 regis torneys or agents. If no name is liste till be printed.	attorneys or 1	

PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. Inclusion of assignce data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☐ corporation or other private group entity ☐ government 4a. The following fee(s) are enclosed: 4b. Payment of Fec(s):

☐ Issue Fee LI A check in the amount of the fee(s) is enclosed.

☐ Publication Fee

☐ Payment by credit card. Form PTO-2038 is attached.

U The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). ■ Advance Order - # of Copies _ Deposit Account Number

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above

(Authorized Signature)

(Dute)

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

interest as shown by the records of the United States Patent and Trademark Office. This cellection of information is required by 3T CFR 13.11. The information is required to obtain or retain a benefit by the public which is to file (and by the USFTO to process) an application. Confidentiality is governed by 35 U.S. C. 22 and 37 CFR 14. This cellection is estimated to take 12 mitutes to complete, including gathering, preparing, and submitting the estimated to take 12 mitutes to complete, including gathering, preparing, and submitting the call that the control of the cont

Under the Paperwork Reduction Act of 1995, no persons are required to respond to collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)

PTOL-85 (Rev. 10/03) Approved for use through 04/30/2004.

OMB 0651-0033 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



UNITED STATES DEPARIMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FUR PATENTS P.O. Box 1450 Alexandra, Vigning 22313-1450

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Sughrue Mion Zir	n		KNAUSS,	SCOTT A
Macpeak & Seas Suite 800			ART UNIT	PAPER NUMBER
2100 Pennsylvania	Avenuc NW		2874	
Washington, DC 20				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS F O Bex 1450 Alexandra, Vignia 22313-1450

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Macpeak & Seas				
Suite 800			ART UNIT	PAPER NUMBER
2100 Pennsylvania Avenue NW		2874		
Washington, DC 20	0037-3213			

Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fec(s) Duc" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fec(s) Duc" since there will be an increase in fees effective on October 1, 2003. See Revision of Patent Fees for Fiscal Year 2004; Final Rule, 68 Fed. Reg. 41532, 41534, (July 14, 2003).

The current fee schedule is accessible from (http://www.uspto.gov/main/howtofees.htm),

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(b) Issue fee for issuing a design patent:

By a small entity (Sec. 1.27(a))......\$240.00

By other than a small entity.....\$480.00

(c) Issue fee for issuing a plant patent:

By a small entity (Sec. 1.27(a))............\$320.00

By other than a small entity..............\$640.00

Questions relating to issue and publication fcc payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.